

ADDITIONS AND EMENDATIONS TO  
THE WILD ORCHIDS OF NORTH AMERICA,  
NORTH OF MEXICO

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ABSTRACT

*The Wild Orchids of North America, North of Mexico* (Paul Martin Brown and Stan Folsom, University Press of Florida, 2003 ISBN 0-8130-2572-9) has served as an illustrated and annotated checklist of the orchids of that region. In the few years since research was completed for that work many new taxa have been described, other pertinent facts have been published, and six corrections of fact need to be added to the original manuscript. Those additions and corrections, including literature references and photographs, are presented here to enable the reader to update this volume to the close of 2005.

RESUMEN

*The Wild Orchids of North America, North of Mexico* (Paul Martin Brown y Stan Folsom, University Press of Florida, 2003 ISBN 0-8130-2572-9) ha servido como catálogo anotado e ilustrado de las orquídeas de esa región. En los pocos años desde que se finalizó la investigación del trabajo se han descrito muchos taxa nuevos, se han publicado otros hechos importantes, y se han hecho seis correcciones que necesitan añadirse al manuscrito original. Estas adiciones y correcciones, que incluyen referencias bibliográficas y fotografías, se presentan aquí para posibilitar al lector poner al día en 2005 este volumen.

Since the compilation and publication of *The Wild Orchids of North America, North of Mexico* in April 2003 (research completed in May 2002), six errors have been noted, several older forms revived, numerous new taxa described, new combinations published, range extensions noted, 'lost' species rediscovered, and significant publications presented. Whether one embraces all of the subspecific taxa is not the point of this publication. These taxa have been described and are present in living material, and therefore they deserve some recognition. Recent reassessments of older generic concepts (i.e., *Gymnadeniopsis*) and ongoing molecular work (i.e., *Piperia/Platanthera*) have resulted in several transfers and new combinations. Whereas this is not intended in any way to be a revised or second edition of *The Wild Orchids of North America, North of Mexico*, those combinations and transfers (although in some cases a more accurate assessment of the individual taxon) are usually listed as synonyms, with literature

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references, under the appropriate species. Additions and corrections are arranged in original page order of *The Wild Orchids of North America, North of Mexico*.

Page

**2**

*Amerorchis rotundifolia* (Banks ex Pursh) Hultén

**small round-leaf orchis**

emend:

forma *angustifolia* (Rousseau) P.M. Brown—narrow-leafed form  
Brown, P.M. and S.N. Folsom. 2006. *Wild Orchids of the Canadian Maritimes and Northern Great Lakes Region*, p. 284.

add:

forma *rosea* P.M. Brown—pink-flowered form  
Brown, P.M. 2004 *North American Native Orchid Journal* 10: 34.

forma *wardii* P.M. Brown—bicolored form  
Brown, P.M. 2004. *North American Native Orchid Journal* 10: 34.

**7**

*Calopogon barbatus* (Walter) Ames

**bearded grass-pink**

add:

forma *lilacinus* P.M. Brown—lilac-flowered form  
forma *albiflorus* P.M. Brown—white-flowered form  
Brown, P.M. 2003. *North American Native Orchid Journal* 9: 33.  
Brown, P.M. and S.N. Folsom. 2004. *Wild Orchids of the Southeastern United States*, pp. 26–27.  
Brown, P.M. and S.N. Folsom. 2005. *Wild Orchids of Florida*: updated and expanded edition, pp. 40–41.

**8**

*Calopogon multiflorus* Lindley

**many-flowered grass-pink**

add:

forma *albiflorus* P.M. Brown—white-flowered form  
Brown, P.M. 2004. *North American Native Orchid Journal* 10: 21.  
Brown, P.M. and S.N. Folsom. 2005. *Wild Orchids of Florida*: updated and expanded edition, pp. 42–43.

*Calopogon oklahomensis* D.H. Goldman

**Oklahoma grass-pink**

add:

forma *albiflorus* P.M. Brown—white-flowered form

Brown, 2003. *North America Native Orchid Journal* 9: 33–34.

Brown, P.M. and S.N. Folsom. 2004. *Wild Orchids of the Southeastern United States*, pp. 30–31.

## 10

*Calypso bulbosa* (Linnaeus) Oakes var. *americana* (R. Brown) Luer

### **eastern fairy-slipper**

add:

forma *biflora* P.M. Brown—two-flowered form

Brown, 2004. *North American Native Orchid Journal* 10: 35.

Brown, P.M. and S.N. Folsom. 2006. *Wild Orchids of the Canadian Maritimes and Northern Great Lakes Region*, pp. 32–33.

## 13

add:

*Cleistes × ochlockoneensis* P.M. Brown

### **Ochlockonec hybrid rosebud orchid**

(*C. divaricata* × *C. bifaria*)

Brown, P.M. 2004. *North American Native Orchid Journal* 10: 22.

Brown, P.M. and S.N. Folsom. 2005. *Wild Orchids of Florida*: updated and expanded edition, p. 53.

## 16

add:

*Corallorhiza maculata* (Rafinesque) Rafinesque var. *ozettensis* Tisch

### **Ozette coralroot**

Brown, P.M. and S.N. Folsom. 2006. *Wild Orchids of the Pacific Northwest and Canadian Rockies*, pp. 40–41.

Tisch, E. 2001. *Madrono* 48: 40–42.

## 18

*Corallorhiza striata* Lindley var. *vreelandii* (Rydberg) L.O. Williams

### **Vreeland's striped coralroot**

correct spelling to: Todsen

## 19

*Corallorhiza trifida* Chatelain

### **early coralroot**

add:

forma *verna* (Nuttall) P.M. Brown—yellow-stemmed/white-lipped form

Brown, P.M. and S.N. Folsom. 2006. *Wild Orchids of the Canadian Maritimes and Northern Great Lakes Region*, p. 284.

*Corallorhiza wisteriana* Conrad

**Wister's coralroot**

add:

forma *cooperi* P.M. Brown—cranberry-pink colored form  
Brown, P.M. 2004. *North American Native Orchid Journal* 10: 22.  
Brown, P.M. and S.N. Folsom. 2005. *Wild Orchids of Florida*: updated and expanded edition, pp. 62–63.

**20***Cranichis muscosa* Swartz**moss-loving cranichis**

emend:

rediscovered in Collier County, Florida in 2004  
Clusman, R. 2004. *Native Orchid Conference Journal* 1(2): 26–28.

**21***Cypripedium acaule* Aiton**pink lady's-slipper, moccasin flower**

add:

forma *lancifolium* House—narrow-leaved form  
House, H. 1924. *New York State Museum Bulletin* 254: 236.

**23***Cypripedium fasciculatum* Kellogg ex S. Watson**clustered lady's-slipper**

add:

forma *purpureum* P.M. Brown—mahogany-flowered form  
forma *viride* P.M. Brown—green-flowered form  
Brown, P.M. 2004. *North American Native Orchid Journal* 10: 36.  
Brown, P.M. and S.N. Folsom. 2006. *Wild Orchids of the Pacific Northwest and Canadian Rockies*, pp. 56–57.

**24***Cypripedium guttatum* Swartz**spotted lady's-slipper**

add:

forma *albiflorum* Lee—white-flowered form  
Lee, Y.N. 1996. *Flora of Korea*: 1164.

*Cypripedium kentuckiense* C.F. Reed**ivory-lipped lady's-slipper**

add:

forma *summersii* P.M. Brown—concolorous yellow-flowered form  
Brown, P.M. 2002. *North American Native Orchid Journal* 8: 30–31.



*Calopogon multiflorus*  
forma *albiflorus* p. 8



*Calypso bulbosa* var. *americana*  
forma *biflora* p. 10



*Corallorhiza maculata* var. *ozettensis* p. 16



*Corallorhiza wisteriana* forma *cooperi* p. 19

## 27

*Cypripedium passerinum* Richmond

**sparrow's-egg lady's-slipper, Franklin's lady's-slipper**

add:

forma *minganense* (Victorin) P.M. Brown—dwarf form

Brown, P.M. and S.N. Folsom. 2006. *Wild Orchids of the Canadian Maritimes and Northern Great Lakes Region*, p. 284.

## 28

add:

*Cypripedium* × *herae* Ewacha & Sheviak

**Queen Hera's hybrid lady's-slipper**

(*C. parviflorum* var. *pubescens* × *C. reginae*)

Sheviak, C.S. 2004. *Orchids* 73(4): 296–299.

## 29

*Cyrtopodium punctatum* (Linnaeus) Lindley

**cowhorn orchid**

photograph is incorrect (is *C. macrobulbon*), see new photograph

add:

*Cyrtopodium macrobulbon* (La Llave & Lexara) G.A. Romero-González & G. Carnevali Fernández-Concha

**giant cowhorn orchid**

southwestern Florida; Mexico

photographed (1999) in Monroe County, Florida; introduced?

Brown, P.M. and S.N. Folsom. 2005. *Wild Orchids of Florida*: updated and expanded edition, p. 73.

## 30

*Dactylorhiza aristata* (Fischer ex Lindley) Soó var. *aristata*

**Fischer's orchid**

add:

forma *albomaculata* P.M. Brown—white/pink spotted lip form

Brown, P.M. 2004. *North American Native Orchid Journal* 10: 37.

*Dactylorhiza aristata* (Fischer ex Lindley) Soó var. *kodiakensis* Luer & Luer f.

**Kodiak orchid**

add:

forma *alba* P.M. Brown—white-flowered form

Brown, P.M. 2004. *North American Native Orchid Journal* 10: 37.

## 32

*Deiregyne confusa* Garay

**Hildago ladies'-tresses**

*Funkiella confusa* (Garay) Szlachetko, Rutkowski, & Mytnik

emend:

discovered at Big Bend National Park in 2004

photo in Luer (and on p. 32) taken in Durango, Mexico and does not appear to exhibit pubescent sepals of *D. confusa* and may be *D. durangensis*; see new photograph

Coleman, R. 2006. *Native Orchid Conference Journal* 3: in press.

Szlachetko, D.L., P. Rutkowski, and J. Mytnik. 2005. *Contributions to the taxonomic revision of the subtribes Spiranthinae, Stenorrhynchidinae and Cyclopogoninae (Orchidaceae) in Mesoamerica and the Antilles*. Polish Botanical Studies 20: 229.

## 45

Insert the following and remove from the indicated pages in *Platanthera*.

*Gymnadeniopsis clavellata* (Michaux) Rydberg var. *clavellata*

*Platanthera clavellata* (Michaux) Luer var. *clavellata* (details see p. 78)

**little club-spur orchis**

*Gymnadeniopsis clavellata* (Michaux) Rydberg var. *ophioglossoides* (Fernald) W.J. Schrenk

*Platanthera clavellata* (Michaux) Rydberg var. *ophioglossoides* (Fernald) P.M. Brown (details see p. 79)

**northern club-spur orchis**

*Gymnadeniopsis integra* (Nuttall) Rydberg

*Platanthera integra* (Nuttall) Lindley (details see p. 84)

**yellow fringeless orchis**

*Gymnadeniopsis nivea* (Nuttall) Rydberg

*Platanthera nivea* (Nuttall) Lindley (details see p. 87)

**snowy orchis**

Rydberg, P.A. 1901. in Britton, *Manual of the Flora of the Northeastern United States*, p. 293.

Brown, P.M. 2002. *North American Native Orchid Journal* 8: 32-40.

*Gymnadeniopsis clavellata* (Michaux) Rydberg var. *clavellata*

**little club-spur orchis**

add:

forma *wrightii* (Olive) P.M. Brown—spurless form

Brown, P.M. and S.N. Folsom. 2006. *Wild Orchids of the Canadian Maritimes and Northern Great Lakes Region*, p. 284.

Olive, L. 1951. *Bulletin of the Torrey Botanical Club* 78(4): 289-291. 1951.



*Cyrtopodium macrobulbon* p.29



*Cyrtopodium punctatum* p.29



*Deiregyne confusa* p.32



## 49

emend:

*Hexalectris revoluta* Correll var. *revoluta*

**recurved crested coralroot**

Texas; Mexico

Catling, P.M. 2004. *Native Orchid Conference Journal* 1(2): 14–16.

rare and local in the mountains of southern Texas

[photograph and drawing are *H. revoluta* var. *colemanii*]

add:

*Hexalectris revoluta* var. *colemanii* P.M. Catling

**Coleman's crested coralroot**

se Arizona

Coleman, R.A. 1999. *North American Native Orchid Journal* 5(1): 312–15.

Catling, P.M. 2004. *Native Orchid Conference Journal* 1(2): 14–16.

this new variety was recently described from southeastern Arizona

## 50

*Hexalectris spicata* (Walter) Barnhardt var. *spicata*

**crested coralroot**

correct: forma *albolabia* to white-lipped form

add:

forma *wilderi* P.M. Brown—albino form

forma *lutea* P.M. Brown—yellow-flowered form

P.M. Brown. 2004. *North American Native Orchid Journal* 10: 23.

Brown, P.M. and S.N. Folsom. 2005. *Wild Orchids of Florida*: updated and expanded edition, pp. 134–135.

## 51

*Hexalectris warnockii* Ames & Correll

**Texas purple-spike**

add:

forma *lutea* P.M. Catling—yellow-flowered form

Catling, P.M. 2004. *Native Orchid Conference Journal* 1(2): 24.

## 57

insert correct name:

*Listera banksiana* Lindley

*Listera caurina* Piper

**northwestern twayblade**

Brown, P.M. 2004. *North American Native Orchid Journal* 10: 2–12.

Brown, P.M. and S.N. Folsom. 2006. *Wild Orchids of the Pacific Northwest and Canadian Rockies*, pp. 260.

Lindley, J. 1840. *Genera and Species of Orchidaceous Plants* p. 455.

the rule of priority dictates that *Listera banksiana* (1840) must be used over *L. caurina* (1898)

58

*Listera cordata* (Linnaeus) R. Brown var. *cordata*

**heart-leaved twayblade**

add:

forma *tetraphylla* Lavoie—four-leaved form

Lavoie, G. 1984 *Provancheria* 7: 92.

63

emend:

*Malaxis paludosa* (Linnaeus) Swartz

**bog adder's-mouth**

incorrect photograph (is *Platanthera sparsiflora*!); replace with new photograph

64

*Malaxis spicata* Swartz

**Florida adder's-mouth**

add:

forma *trifoliata* P.M. Brown—three-leaved form

Brown, P.M. 2003. *North American Native Orchid Journal* 9: 34.

Brown, P.M. and S.N. Folsom. 2004. *Wild Orchids of the Southeastern United States*, pp. 126–27.

Brown, P.M. and S.N. Folsom. 2005. *Wild Orchids of Florida*: updated and expanded edition, pp. 154–55.

68

*Pelexia adnata* (Swartz) Sprengel

**glandular ladies'-tresses**

emend:

discovered in Collier County, Florida in 2004

Brown, P.M. and S. Folsom. 2005. *Wild Orchids of Florida*: updated and expanded edition, pp. 172–73.

69

*Piperia candida* Morgan & Ackerman

(*Platanthera candida* (Morgan & Ackerman) R.M. Bateman: homonym)

**slender white piperia**

Bateman, R.M. 2003. *Botanical Journal of the Linnean Society* 142(1): 21.

70

*Piperia colemanii* Morgan & Glicenstein

*Platanthera colemanii* (Morgan & Glicenstein) R.M. Bateman



*Hexalectris revoluta* var. *revoluta* p. 49



*Hexalectris spicata* var. *spicata* forma *lutea* p. 50



*Hexalectris revoluta* var. *colemanii* p. 49



*Malaxis paludosa* p. 63

**Coleman's piperia**

Bateman, R.M. 2003. *Botanical Journal of the Linnaean Society* 142(1): 21.

*Piperia cooperi* S. Watson

*Platanthera cooperi* (S. Watson) R.M. Bateman

**Cooper's stoutspire orchid**

Bateman, R.M. 2003. *Botanical Journal of the Linnaean Society* 142(1): 21.

**71**

*Piperia elegans* Lindley

*Platanthera elegans* Lindley

*Platanthera elegans* Lindley subsp. *maritima* (Rydberg) R.M. Bateman

**elegant piperia**

Lindley, J. 1835. *Genera and Species of Orchidaceous Plants*, p. 285.

Bateman, R.M. 2003. *Botanical Journal of the Linnaean Society* 142(1): 21.

*Piperia elegans* Lindley subsp. *decurtata* Morgan & Glicenstein

*Platanthera elegans* Lindley subsp. *decurtata* (Morgan & Glicenstein) R.M. Bateman

**Point Reyes piperia**

Bateman, R.M. 2003. *Botanical Journal of the Linnaean Society* 142(1): 21.

**72**

*Piperia elongata* Rydberg

*Platanthera elongata* (Rydberg) R.M. Bateman

**long-spurred piperia**

Bateman, R.M. 2003. *Botanical Journal of the Linnaean Society* 142(1): 21.

*Piperia leptopetala* Rydberg

*Platanthera leptopetala* (Rydberg) R.M. Bateman

**lace orchid**

Bateman, R.M. 2003. *Botanical Journal of the Linnaean Society* 142(1): 21.

**73**

*Piperia michaelii* Greene

*Platanthera michaelii* (Greene) R.M. Bateman

**Michael's piperia**

Bateman, R.M. 2003. *Botanical Journal of the Linnaean Society* 142(1): 21.

*Piperia transversa* Suksdorf

*Platanthera transversa* (Suksdorf) R.M. Bateman

**flat-spurred piperia**

Bateman, R.M. 2003. *Botanical Journal of the Linnaean Society* 142(1): 21.

**74**

*Piperia unalascensis* (Sprengel) Rydberg

**Alaskan piperia**

add:

forma *olympica* P.M. Brown—dwarf montane form

Brown, P.M. 2004. *North American Native Orchid Journal* 10: 37.

*Piperia yadonii* Morgan & Ackerman

*Platanthera yadonii* (Morgan & Ackerman) R.M. Bateman

**Yadon's piperia**

Bateman, R.M. 2003. *Botanical Journal of the Linnean Society* 142(1): 21.

**75**

*Platanthera blephariglottis* Lindley [delete var. *blephariglottis*]

**northern white fringed orchis**

**76**

emend and insert with text on p. 79:

*Platanthera conspicua* (Nash) P.M. Brown

*Platanthera blephariglottis* Lindley var. *conspicua* (Nash) Luer

**southern white fringed orchis**

Brown, P.M. 2002. *North American Native Orchid Journal*: 8: 3–14.

**79/94**

add:

*Platanthera convallariifolia* (Fischer) Lindley

**lily-leaved rein orchis**

rare on Alaskan islands; eastern Asia

Sheviak, C.J. 2002. in *Flora of North America*, vol. 26 pp. 559–60.

Brown, P.M. and S.N. Folsom. 2006. *Wild Orchids of the Pacific Northwest and Canadian Rockies*, pp. 132–33.

[note corrected spelling to *convallariifolia*]

**80**

*Platanthera dilatata* (Pursh) Lindley var. *albiflora* (Chamisso) Ledebour

**bog candles**

range extension: east to southwestern South Dakota

**81**

*Platanthera flava* (Linnaeus) Lindley var. *flava*

**southern tubercled orchis**

range extension: east to southern New Jersey

**83**

*Platanthera hookeri* (Torrey) Lindley

**Hooker's orchis**

add:

forma *oblongifolia* (J.A. Paine) P.M. Brown—narrow-leaved form

Brown, P.M. and S.N. Folsom. 2006. *Wild Orchids of the Canadian Maritimes and Northern Great Lakes Region*, p. 284.

emend:

*Platanthera huronensis* (Nuttall) Lindley

**green bog orchis**

incorrect line art; replace with new figure

**88**

correct spelling to:

**blunt-leaved rein orchis**

few-flowered blunt-leaved rein orchis

**89**

*Platanthera orbiculata* (Pursh) Lindley

**pad-leaved orchis**

add:

forma *longifolia* (Clute) P.M. Brown—narrow-leaved form

forma *pauciflora* (Jennings) P.M. Brown—few-flowered form

Brown, P.M. and S.N. Folsom. 2006. *Wild Orchids of the Canadian Maritimes and Northern Great Lakes Region*, p. 284.

**90**

*Platanthera peramoena* (A. Gray) A. Gray

**purple fringeless orchis**

add:

forma *doddsiae* P.M. Brown—white-flowered form

Brown, P.M. 2002. *North American Native Orchid Journal* 8: 30–31.

Brown, P.M. and S.N. Folsom. 2004. *Wild Orchids of the Southeastern United States*, pp. 26–27

*Platanthera praecleara* Sheviak & Bowles

*Fimbriella praecleara* (Sheviak & Bowles) Szlachetko & Rutkowski

**western prairie fringed orchis**

Szlachetko, D. and P. Rutkowski 2000. *Acta Botanica Fennica* 169: 380.

**91**

*Platanthera psycodes* (Linnaeus) Lindley

**small purple fringed orchis**

add:

forma *fernaldii* (Rousseau & Rouleau) P.M. Brown—dwarf form

Victorin, M. 1957. *Bulletin de Jardin Botanique de l'État* 27: 370.

Brown, P.M. and S.N. Folsom. 2006. *Wild Orchids of the Canadian Maritimes and Northern Great Lakes Region*, p. 284.

## 92

emend:

*Platanthera sparsiflora* (S. Watson) Schlechter [delete var. *sparsiflora*]

**few-flowered rein orchis**

*Platanthera stricta* Lindley

**slender bog orchis**

range extension: east to southwestern South Dakota

## 94

add the following hybrids:

*Platanthera* × *apalachicola* P.M. Brown & S. Stewart

**Apalachicola hybrid fringed orchis**

(*P. chapmanii* × *P. cristata*)

Brown, P.M. 2003. *North American Native Orchid Journal* 9: 35.

Brown, P.M. and S.N. Folsom. 2004. *Wild Orchids of the Southeastern United States* p. 163.

*Platanthera* × *beckneri* P.M. Brown

**Beckner's hybrid fringed orchis**

(*P. conspicua* × *P. cristata*)

Brown, P.M. 2002. *North American Native Orchid Journal*: 8: 3-14.

Brown, P.M. and S.N. Folsom. 2004. *Wild Orchids of the Southeastern United States*, p. 164.

*Platanthera* × *lueri* P.M. Brown

**Luer's hybrid fringed orchis**

(*P. conspicua* × *P. ciliaris*)

Brown, P.M. 2002. *North American Native Orchid Journal*: 8: 3-14.

Brown, P.M. and S.N. Folsom. 2004. *Wild Orchids of the Southeastern United States*, p. 166.

*Platanthera* × *osceola* P.M. Brown & S. Stewart

**Osceola hybrid fringed orchis**

(*P. chapmanii* × *P. ciliaris*)

Brown, P.M. 2003. *North American Native Orchid Journal* 9: 35.

Brown, P.M. and S.N. Folsom. 2004. *Wild Orchids of the Southeastern United States*, p. 167.

*Platanthera* × *vossii*

**Voss' hybrid rein orchis**

New nothogenus and combination:

emend to:

× *Platanthopsis vossii* (Case) P.M. Brown

Brown, P.M. 2002. *North American Native Orchid Journal* 8: 32-40.



*Piperia unalascensis* forma *olympica* p. 74



*Platanthera huronensis* p. 83



*Platanthera xlueri* p. 94



*Platanthera convallariifolia* pp. 79/94





## 97

*Ponthieva brittoniae* Ames

**Mrs. Britton's shadow-witch**

emend:

rediscovered in Miami-Dade County, Florida in 2004

Larocque, M. 2004. *Native Orchid Conference Journal* 1(2): 33–34.

Sadel, J.L. 2005. *Orchids* 74(5): 380–82.

Sadel, J.L., S.W. Woodmansee, G.D. Gann, and T. V. Armentano. 2005. *Sida* 21(3): 1917–1920.

## 101

*Pteroglossaspis ecristata* (Fernald) Rolfe

**crestless plume orchid**

add:

forma *purpurea* P.M. Brown—dusky purple-flowered form

Brown, P.M. 2003. *North American Native Orchid Journal* 9: 35.

Brown, P.M. and S.N. Folsom. 2004. *Wild Orchids of the Southeastern United States*, pp. 184–85.

Brown, P.M. and S.N. Folsom. 2005. *Wild Orchids of Florida*: updated and expanded edition, pp. 228–29.

## 104

*Spiranthes brevilabris* Lindley

**short-lipped ladies'-tresses**

emend:

now extant from two areas in central Florida

## 106

*Spiranthes cernua* (Linnaeus) L.C. Richard

**nodding ladies'-tresses**

range extension: south to northern Florida

Brown, P.M. and S.N. Folsom. 2004. *Wild Orchids of the Southeastern United States*, pp. 194–95.

Brown, P.M. and S.N. Folsom. 2005. *Wild Orchids of Florida*: updated and expanded edition, pp. 244–45.

## 108

*Spiranthes floridana* (Wherry) Cory emend. P.M. Brown

**Florida ladies'-tresses**

emend:

currently known from three very small extant sites in central Florida

*Spiranthes infernalis* Sheviak

**Ash Meadows ladies'-tresses**

emend:

not listed as federally threatened, but is considered a species of concern

**116**

*Spiranthes sylvatica* P.M. Brown

**woodland ladies'-tresses**

range extension: northeastern Texas, southeastern Oklahoma, and southern Arkansas

**169**

Insert in Key 9: *Cyrtopodium* after couplet 2

emend to read:

1b flowers heavily spotted or mottled...2

2a plants epiphytic, flowers yellow with heavy spotting....*C. punctatum*

2b plants terrestrial or nearly so; flowers orange yellow with mottled spotting....*C. macrobulbon*

**172**

Insert in Key 16: *Hexalectris* after couplet 5

emend to read:

5b petals and sepals otherwise...6

6a central lobe of the lip more or less squared at the tip; petals 15-17 mm long; recurved; western Texas....*H. revoluta* var. *revoluta*

6b central lobe of the lip pointed; petals 19-22 mm long, strongly recurved; southeastern Arizona....*H. revoluta* var. *colemanii*

**181**

Insert in Key 28: *Spiranthes* after couplets 11 and 19

emend to read:

11i plants with small (ca. 5 mm), cream-colored flowers; late August/September flowering...11ii

11iia plants with fully opened, although not wide-spreading, flowers....*S. casei* var. *casei*

11iib plants with nearly closed flowers; restricted to southern Nova Scotia....*S. casei* var. *novaescotiae*

19i plants with small, cream-colored flowers; late August/September flowering...19ii

19iia plants with fully opened, although not wide-spreading, flowers....*S. casei* var. *casei*

19iib plants with nearly closed flowers; restricted to southern Nova Scotia.....*S. casei* var. *novaescotiae*

*Spiranthes casei* differs from *Spiranthes vernalis* and *S. laciniata* in range and drier habitat and from *S. cernua* and *S. ochroleuca* in (usually) single-ranked inflorescence and smaller, ca. 5 mm, flowers with the perianth not as wide-spreading.

## 185

Excluded species

add:

*Triphora hassleriana* (Cogniaux) Schlechter

Photograph from Miami-Dade County in Florida in Bransilver, 2004. p. 115 was labeled as *T. gentianoides* but subsequently identified as *T. hassleriana*. Plants were of horticultural origin and are not reproducing.

## 190

add:

*Cyrtopodium macrobulbon*

*Cleistes* × *ochlockoneensis*

*Platanthera* × *apalachicola*

*Platanthera* × *beckneri* [photo on p. 143 as *P. × canbyi*]

*Platanthera* × *lueri* [photo on p. 141 as *P. × bicolor*]

*Platanthera* × *osceola*

## 195

add:

*Hexalectris revoluta* var. *colemanii*

*Platanthera convallariifolia*

*Cleistes* × *ochlockoneensis*

*Platanthera* × *apalachicola*

*Platanthera* × *beckneri* [photo on p. 188 as *P. × canbyi*]

*Platanthera* × *lueri* [photo on p. 185 as *P. × bicolor*]

*Platanthera* × *osceola*

Glossary

**199** correct definition to:

peduncle: stalk bearing an inflorescence or solitary flower

Bibliography

**201** correct spelling to Buswell

**202** correct spelling to Liggio

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## Photo Credits

### 205

correct photo credit for *Basiphyllaca corallicola* to Chuck L. McCartney, Jr.

emend Ron Coleman: *Hexalectris revoluta* to *Hexalectris revoluta* var. *colemanii*

### 206

new photo credits (in this publication): Aaron Kennedy: *Hexalectris revoluta* var. *colemanii*

Allison Leavitt, National Park Service: *Deiregyne confusa*, *Hexalectris revoluta* var. *revoluta*

## Personal Checklist

### 230–236

add (or delete as indicated) the following:

*Amerorchis rotundifolia*

**small round-leaf orchis**

forma *rosea*

forma *wardii*

*Calopogon barbatus*

**crested grass-pink**

forma *lilacinus*

forma *albiflorus*

*Calopogon multiflorus*

**many-flowered grass-pink**

forma *albiflorus*

*Calopogon oklahomensis*

**Oklahoma grass-pink**

forma *albiflorus*

*Calypso bulbosa* var. *americana*

**eastern fairy-slipper**

forma *biflora*

*Cleistes* × *ochlockoneensis*

**Ochlockonee hybrid rosebud orchid**

*Corallorhiza maculata* var. *ozettensis*

**Ozette coralroot**

*Corallorhiza trifida*

**early coralroot**

forma *verna*

*Corallorhiza wisteriana*

**Wister's coralroot**

forma *cooperi*

*Cypripedium acaule*

**pink lady's-slipper, moccasin flower**

forma *lancifolium*

*Cypripedium fasciculatum*

**clustered lady's-slipper**

forma *purpureum*

forma *viride*

*Cypripedium guttatum*

**spotted lady's-slipper**

forma *albiflorum*

*Cypripedium kentuckiense*

**ivory-lipped lady's-slipper**

forma *summersii*

*Cypripedium passerinum*

**sparrow's-egg lady's-slipper,**

**Franklin's lady's-slipper**

forma *minganense*

*Cypripedium* × *herae*

**Queen Hera's hybrid lady's-slipper**

*Cyrtopodium macrobulbon*

**giant cowhorn orchid**

*Dactylorhiza aristata* var. *aristata*

**Fischer's orchid**

forma *albomaculata*

*Dactylorhiza aristata* var.

*kodiakensis*

**Kodiak orchid**

forma *alba*

*Gymnadeniopsis clavellata* var.

*clavellata*

**little club-spur orchis**

forma *wrightii*

*Hexalectris revoluta* var. *colemanii*

**Coleman's coralroot**

*Hexalectris warnockii*

**Texas purplespike**

forma *lutea*

*Hexalectris spicata* var. *spicata*

**crested coralroot**

forma *wilderi*

forma *lutea*

*Malaxis spicata*

**Florida adder's-mouth**

forma *trifoliata*

*Listera cordata* var. *cordata*

**heart-leaved twayblade**

forma *tetraphylla*

*Piperia unalascensis*

**Alaskan piperia**

forma *olympica*

Delete: *Platanthera blephariglottis*

var. *conspicua*

add:

*Platanthera conspicua*

**southern white fringed orchis**

*Platanthera hookeri*

**Hooker's orchis**

forma *oblongifolia*

*Platanthera orbiculata*

**pad-leaved orchis**

forma *longifolia*

forma *pauciflora*

*Platanthera peramoena*

**purple fringeless orchis**

forma *doddiae*

*Platanthera psychodes*

**small purple fringed orchis**

forma *fernaldii*

*Platanthera* × *apalachicola*

**Apalachicola hybrid fringed orchis**

(*P. chapmanii* × *P. cristata*)

*Platanthera* × *beckneri*

Beckner's hybrid fringed orchis

(*P. conspicua* × *P. cristata*)

*Platanthera* × *lueri*

**Luer's hybrid fringed orchis**

(*P. conspicua* × *P. ciliaris*)

*Platanthera* × *osceola*

**Osceola hybrid fringed orchis**

(*P. chapmanii* × *P. ciliaris*)

Delete: *Platanthera* × *vossii*

add:

× *Platanthopsis vossii*

**Voss' hybrid rein orchis**

*Pteroglossaspis ecristata*

**crestless plume orchid**

forma *purpurea*

add to page 229:

*Gymnadeniopsis clavellata* var.

*clavellata*

**little club-spur orchis**

*Gymnadeniopsis clavellata* var.

*ophioglossoides*

**northern club-spur orchis**

*Gymnadeniopsis integra*

**yellow fringeless orchis**

*Gymnadeniopsis nivea*

**snowy orchis**

Delete from page 232:

*Platanthera clavellata* var. *clavellata*

*Platanthera clavellata* var.

*ophioglossoides*

*Platanthera integra*

*Platanthera nivea*

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*Note.*—A limited number of reprints designed for insertion into *The Wild Orchids of North America, North of Mexico* are available from the author. Copies of the book are also available from your bookseller, the University Press of Florida ([www.upf.com](http://www.upf.com)), or the author ([naorchid@aol.com](mailto:naorchid@aol.com)).